

# Aircraft Accident Investigation Process and Procedures Executive Review – 1 Day

## Introduction

The purpose of this 1-day in-depth training is to consider the roles, responsibilities, and obligations related to the process of accident investigation including an understanding of the different philosophies.

This course will provide you with a detailed and basic understanding of the process of aircraft accident investigation and timeline construction process. Aircraft accident and incident investigations typically call on a multi-discipline approach to fact-finding reconstruction and determination, typically supported by subject matter experts in design, manufacturing, certification, together with in-service operation and maintenance.

## Who is the course for?

It is for focusing on the needs of the airline's operational leadership team to gain a basic understanding of the fundamentals of Aircraft Accident Investigation.

The course is intended to provide participants with the basic philosophy related to the need to perform an investigation on organisational accidents, incidents, and other safety-related issues.

Airline Operational, Safety Management System, and Quality Staff who wish to achieve an understanding of the investigation process which provides you with the knowledge to support and participate in a formal investigation. CAA administrations, airport authorities, air navigation service providers (ANSP), and other related aviation organisations and stakeholders.

## What is the Benefit of this Training – What will I learn?

- a) To achieve an understanding related to the investigation methodology to ensure compliance with legislation, regulations, and national requirements.
- b) Identify the key requirements and steps in the investigation process.
- c) Be able to assess human factor involvement throughout the chain of events
- d) Understand the timeline construction process

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<b>Date</b>	On Demand
<b>Category</b>	Personal Development
<b>Venue</b>	On Demand
<b>Level</b>	Basic
<b>Price</b>	On Demand

## Detailed Content / Topics - The following Subjects will be addressed

- The Goals and Objectives of Aircraft Incident Investigations
- Regulatory Background ICAO / EASA
- ICAO Annex 13 Introduction and Associated Documents
- Introduction to the Task of Aircraft Accident Investigation
- Safety Management Fundamentals related to ICAO Annex 13
- Managing Accident & Incident Data Sources
- Analysis of the Data typical Methods and Techniques
- Choosing the Investigation Model to Support this Event
- Advanced Analytical Procedures
- Building Conclusions Based on Analysis
- Human Factors Considerations and Integration into the Aircraft Accident Analytical Process.
- Interview Preparation Techniques and Methods
- Investigator Responsibilities and Reporting Obligations
- Considering Mitigations and Recommendation Proposals

## Learning Objectives

Understanding the fundamental steps and procedures involved in aircraft accident investigations, including the roles and responsibilities of key stakeholders, to enable executives to have a comprehensive overview of the process.

Familiarizing executives with investigative techniques and methodologies used in analyzing aircraft accidents, providing them with insights into data collection, evidence preservation, interviews, and data analysis.

Equipping executives with the knowledge of regulatory compliance and international standards governing aircraft accident investigations, enabling them to make informed decisions and address safety, legal, and organizational implications effectively.

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## Target Groups

Airline Operational, Safety Management System and Quality Staff, CAA administrations, airport authorities, air navigation service providers (ANSP) and other related aviation organisations and stakeholders.

## Pre-requisites

Participants should ideally have an aviation operational or technical background together with a functional understanding of the aviation industry.

## What do People Say about Sofema Aviation Services Training?

*"I found satisfying answers to all my questions."*  
*"The instructor demonstrated a very deep knowledge of the subject."*  
*"The length of the course fits my needs and expectations."*  
*"The content was really effective, I gained a lot of new knowledge."*  
*"The practical examples were perfectly delivered."*

## Duration

1 day – Start at 09.00 and finish at 17.00, with appropriate refreshment breaks.  
To register for this training, please email [team@sassofia.com](mailto:team@sassofia.com) or Call +359 28210806

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